

# STEVE DEFALCO

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## OBJECTIVE

A challenging position entailing various aspects of program design, development, and implementation in Environmental, Safety & Health (ES&H) compliance; radioactive, hazardous or mixed waste management; decontamination, decommissioning, and remediation; or quality assurance (QA).

## HIGHLIGHTS

- ! Ten years management and supervisory/oversight experience
- ! Extensive experience in applied ES&H, radwaste management, transportation and related QA
- ! State Licensed User of radioactive materials
- ! Facility emergency preparedness
- ! ES&H training management/administration
- ! Innovative and resourceful in program design, development, and implementation
- ! Strong computer literacy; web site development/applications; systems administration

## EXPERIENCE

### Oak Ridge National Laboratory (ORNL)

1991- 2001

#### ENGINEERING SPECIALIST

- ! Lead support for the ORNL Nuclear Criticality Safety (NCS) computational platforms and software verifications.
- ! Diverse technical and business services for ORNL's nuclear and non-nuclear facility safety programs and regulation.
- ! Server and workstation system administration (NT, WIN 2000, UNIX), web site development, and computer security.
- ! Division training administration and development services including NCS.
- ! Business and technical support for ORNL's Price-Anderson Program, contract administration, facility operations.
- ! Support services for the Director's Review Committees including Criticality Review.

#### REGULATORY COMPLIANCE SPECIALIST

- ! Regulatory and contract compliance services for nuclear facility safety, ES&H, radwaste, and transportation.
- ! Impact analysis services for draft and final DOE directives.
- ! Support for the DOE & NRC Internal Regulation Pilot Program
- ! ES&H and business related web site development and administration.
- ! Support for S/RIDs and Work Smart Standards including related database and web application development.
- ! Nuclear operational readiness support (Conduct of Operations and Facility Authorization Basis).
- ! Nuclear safety procedures and guidance document support.
- ! Price-Anderson Program development support
- ! ORNL Performance Indicators monthly report services

#### QUALITY ASSURANCE SPECIALIST (Special Assignment)

- ! ORNL Audit and Self-Assessment Program development and management.
- ! Development of ORNL and division level performance indicators.

#### CONTRACTOR INTERFACE MANAGER (Prime and Subcontract)

- ! Construction Engineering and Environmental Restoration contractor oversight.
- ! ORNL ES&H and Construction Engineering conflict resolution.
- ! ES&H budget projections and contract controls for engineering projects.
- ! Established and maintained ES&H budgets for ORNL Environmental Restoration (\$1M) and Engineering (\$0.5M) projects.
- ! Reduced ES&H support costs for Environmental Restoration operations by \$0.25M

### Quadrex Corporation – Oak Ridge, TN (presently owned and operated by US Ecology Corporation)

1984 - 1991

Hazardous and mixed waste management; decontamination, decommissioning, and remediation; related R&D.

#### HEALTH & SAFETY MANAGER

- ! Responsible for Health Physics, Internal & External Dosimetry, Environmental Protection, Industrial Hygiene & Safety, Emergency Preparedness (on-site and off-site emergency response), field services Radiation Safety Officer support (e.g., tritium facility remediation).

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**QUALITY ASSURANCE MANAGER**

- ! Responsible for radwaste shipment verifications, container integrity and compliance, survey and release of decontaminated materials and equipment, internal and external audits, internal surveillances and assessments, finding tracking and resolution.

**HEALTH & SAFETY TRAINING MANAGER**

- ! Compliance awareness (GET, health physics, etc.), operational (chemical process, waste reduction, radwaste), and qualification (health physics, asbestos, heavy and small material handling equipment), training.

**TRANSPORTATION MANAGER**

- ! Radwaste shipping and acceptance, empty container and materials shipping, related shipment and materials tracking, all material handling operations, cask acceptance and handling, non-rad waste management, metals salvage.

**HEALTH & SAFETY SUPERVISOR**

- ! Responsible for applied health physics, industrial hygiene and safety, environmental protection, free release of decontaminated materials.

**Facility and Contract Health Physics**

1983 - 1984

Health Physics services at the following facilities:

Baltimore Gas and Electric, Calvert Cliffs Nuclear Power Plant

- ! Radiation control, radwaste management, I&C, internal and external dosimetry, radiochemistry and analysis, counting room.

Alabama Power, Joseph M. Farley Nuclear Plant (Nuclear Support Services Inc.)

- ! Contract outage support for refueling, steam generator eddy current testing and maintenance, reactor coolant pump maintenance, 100% power entries.

South Carolina Electric and Gas, Virgil C. Summer Nuclear Plant (NUMANCO, Inc.)

- ! Contract outage support for refueling and steam generator eddy current testing and maintenance.

**U. S. Navy**

Honorably Discharged 1978

- ! General Electrician and Motor Rewind/Repair

**EDUCATION & TRAINING**

- ! M.S. Environmental Engineering; Kennedy-Western University, Boise, ID; Course work completed; thesis in progress
- ! B.S. Applied Organizational Management; Tusculum College, Greeneville, TN
- ! A.S. Environmental Health Technology (double major in Industrial Hygiene and Hazardous Waste Management); Roane State Community College, Harriman, TN
- ! A.S. Health Physics Technology; Central Florida Community College, Ocala, FL
- ! A.A. Business Administration; Manatee Community College, Bradenton, FL

**Courses**

Course work chosen to compliment a diverse background focused toward organizational management. Course study areas include: ES&H program management and implementation, ES&H and employee relations law; quality programs and methodology; budgetary processes, web site development and server/workstation administration, advanced management and interpersonal skills.